

In the Claims:

Please cancel claims 5 and 8, without prejudice, and amend claims 1, 9, and 10 as follows:

1. (Currently Amended) A pneumatic tire, in which an annular object having cross-sectional areas which vary depending on locations in a circumferential direction of the tire is mounted on an inner surface of a tread portion, wherein the annular object is formed by partially applying compression forming to a porous material member, which has a density of 5 to 70 kg/m³, and which has a uniform cross-sectional shape in the tire circumferential direction,

wherein a range of variations in weight per unit length of the porous material member in the circumferential direction of the tire is 0 to 2 %.

wherein the compressed portions and uncompressed portions of the porous material member are alternately arranged in the tire circumferential direction.

2. (Original) The pneumatic tire according to claim 1, wherein a constraining member for maintaining a compressed state is attached to each compressed portion of the porous material member.

3. (Original) The pneumatic tire according to claim 1, wherein each compressed portion of the porous material member is formed by thermal fusion.

4. (Original) The pneumatic tire according to claim 1, wherein each compressed portion of the porous material member is formed by hot-pressing.

5. (Cancelled)

6. (Previously Presented) The pneumatic tire according to any one of claims 1 to 4, wherein a difference between a maximum value S_{max} and a minimum value S_{min} of the cross-sectional areas of the porous material member after the compression forming is not less than 10 % of a cross-sectional area of a cavity portion formed between the tire and a rim of a wheel.

7. (Previously Presented) The pneumatic tire according to any one of claims 1 to 4, wherein a maximum value T_{max} and a minimum value T_{min} of the thicknesses of the porous material member after the compression forming satisfy $T_{max} \geq 10$ mm, and $T_{min} \geq 1$ mm at the same time.

8. (Cancelled)

9. (Currently Amended) The pneumatic tire according to claim ~~8~~claim 1, wherein a shape of each of the compressed portions and the uncompressed portions of the porous material member is formed into a rectangle.

10. (Currently Amended) The pneumatic tire according to ~~claim~~
claim 1, wherein a shape of each of the compressed portions and the uncompressed
portions of the porous material member is formed into a parallelogram.

11. (Previously Presented) The pneumatic tire according to any one
of claims 1 to 4, wherein the porous material member is made of polyurethane foam.